



Timothy Brandenburg
Drilling Manager

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Exploration and Production
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November 20, 2009

RECEIVED

NOV 23 2009

DEC
Division of Water Quality
Wastewater Discharge Program

Mr. Chae Park
U.S. Environmental Protection Agency
Region 10, Water Compliance Section
1200 Sixth Avenue, OW-133
Seattle, WA 98101

RETURN RECEIPT REQUESTED
CERTIFIED MAIL 7006 3450 0000 0080 6904

Re: NPDES Permit No. AKG-31-5002
Trading Bay Production Facility October 2009 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the October 2009 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at mmjones@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Timothy Brandenburg

cc: ADEC / Certified Mail 7006 3450 0000 0080 6911

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME Union Oil Company of California
 ADDRESS Attn: John Zager
 P.O. Box 196247
 Anchorage, AK 99519-6247
 FACILITY Trading Bay Production Facility
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

(2-16)			(17-19)			
AKG-31-5002			015			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	10	01		09	10	31
(20-21)		(22-23)	(24-25)	(26-27)		(28-29)
(30-31)						

PARAMETER (32-37)		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		(3 Card Only)			(4 Card Only)								
		(48-53) AVERAGE	(54-61) MAXIMUM	UNITS	(38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS					
015 Produced Water Flow Rate *	SAMPLE MEASUREMENT	3.678739	6.139854	MGD									
	PERMIT REQUIREMENT	Report	Report	MGD						Weekly	Estimate		
015 Produced Water	SAMPLE MEASUREMENT									Weekly	Estimate		
Produced Sand	PERMIT REQUIREMENT						No Discharge						
015 Produced Water pH**	SAMPLE MEASUREMENT				7.0		7.6	su	0	Weekly	Grab		
Flow Rate >1 mgd	PERMIT REQUIREMENT				6		9	su		Weekly	Grab		
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT					7	11	mg/L	0	Weekly	Grab Average		
	PERMIT REQUIREMENT					29	42	mg/l		Weekly	Grab Average		
015 Produced Water Copper	SAMPLE MEASUREMENT					3	3	ug/l	0	Monthly	Grab		
	PERMIT REQUIREMENT					47	117	ug/l		Monthly	Grab		
015 Produced Water Manganese	SAMPLE MEASUREMENT					2	2	mg/l	0	Monthly	Grab		
	PERMIT REQUIREMENT					25	50	mg/l		Monthly	Grab		
015 Produced Water Mercury	SAMPLE MEASUREMENT					0.2	0.2	ug/L	0	Monthly	Grab		
	PERMIT REQUIREMENT					0.6	1.0	ug/l		Monthly	Grab		
015 Produced Water Silver	SAMPLE MEASUREMENT					5	5	ug/L	0	Monthly	Grab		
	PERMIT REQUIREMENT					23	47	ug/l		Monthly	Grab		
015 Produced Water Zinc	SAMPLE MEASUREMENT					0.03	0.03	mg/l	0	Monthly	Grab		
	PERMIT REQUIREMENT					0.9	1.9	mg/l		Monthly	Grab		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE		
John Zager General Manager Mid Continent/Alaska Business Unit									(907) 276-7600		09	11	20
									SIGNATURE OF Timothy Brandenburg		AREA CODE	NUMBER	YEAR
TYPED OR PRINTED													
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)													

See Trading Bay Production Facility Page 3 of 3 for comments.

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NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)			
		(3 Card Only) (46-53)	(54-61)		(4 Card Only) (38-45)	(46-53)	(54-61)							
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
015 Produced Water TAH	SAMPLE MEASUREMENT					8	8	mg/l	0	Monthly	Grab			
	PERMIT REQUIREMENT					18	27	mg/L		Monthly	Grab			
015 Produced Water TAQH	SAMPLE MEASUREMENT					8	8	mg/l	0	Monthly	Grab			
	PERMIT REQUIREMENT					Report	Report	mg/L		Monthly	Grab			
015 Produced Water Total Ammonia	SAMPLE MEASUREMENT					6	6	mg/l	0	Monthly	Grab			
	PERMIT REQUIREMENT					Report	Report	mg/l		Quarterly	Grab			
015 Produced Water Whole Effluent Toxicity Mytilus galloprovincialis	SAMPLE MEASUREMENT					143	143	TUC	0	Quarterly	Grab			
	PERMIT REQUIREMENT					283	568	TUC		Quarterly	Grab			
015 Produced Water Whole Effluent Toxicity Strongylocentrotus purpuratus ****	SAMPLE MEASUREMENT					143	143	TUC	0	Annually	Grab			
	PERMIT REQUIREMENT					283	568	TUC		Annually	Grab			
015 Produced Water Whole Effluent Toxicity Menidia beryllina	SAMPLE MEASUREMENT					143	143	TUC	0	Annually	Grab			
	PERMIT REQUIREMENT					283	568	TUC		Annually	Grab			
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John Zager General Manager Mid Continent/Alaska Business Unit										(907) 276-7600		09	11	20
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DA

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COMMENTS PAGE 3 OF 3

- * Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
 Estimated completion fluid flow rate: **0.050925 mgd**
 Estimated workover fluid flow rate: **0.019530 mgd**
- ** Frequency of pH measurement has been increased to more closely monitor water quality.
- *** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.
- **** Identified as the most sensitive species.

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